BROIN vs. PHILIP MORRIS	CondenseIt [™]	WITNESS: MARTIN CLINE, MI
in THE CIRCUIT COURT OF THE SILEYUNTH SUBJECT ALL CIRCUIT IN AND FOR DACE COUNTY FOR IDA GENERAL JURISDICTION DIVISION CASE NO. 91-49738 CA22 NORMA R. BROIN, et al., Plaintiffs, vs. PHILIP MORRIS COMPANIES, INC Tefendants Tefendants TELEPHONE DEPOSITION MARTIN J. CLINE, M.D. Taken before MARIA TORRE-VERDIO, RMR, Lettified Shorthand Reporter all Notary Public of and for the State of Torigan at Large, public of and for the State of Torigan at Large, public of and for Taking Deposition filed in the above Tause.	Page 1 1 Q. Wh 2 A. Th 3 causation 4 Th 5 causation 6 Q. Ho 7 A. We 8 ago. I wou 9 fifteen yea 10 Th 11 last year. 12 Q. The 13 ago whe 14 A. It v 15 Q. Wh 16 plaintiff o 17 A. The 18 Q. In 19 leukemia v 20 which side 21 A. The 22 Q. Wh 23 A. Sou	hat were those trials? e first one concerned a possible cancer by exposure to toxic fumes. e second one concerned possible of leukemia by exposure to irradiation. ow long ago were each of these trials? ell, the first one was quite some time ald be hard pressed to pinpoint it. Probably ars perhaps. e second one, the irradiation case, was e one that was fifteen years ere was that? was in Southern California. nich side were you the expert for the or the defendant? e defendant. the case related to whether or not was caused by exposure to irradiation, for e did you serve as an expert? e defendant. no was the defendant in that case? uthern California Edison Company. d that trial reach a conclusion?
APPEARANCES: A PRESENT IN CLIPCAN, A CONTROLLER MODERAL MODER	Page 2 1 Q. Wa 2 A. Ye 3 Q. Wh 4 A. The 5 Edison wa 6 Q. Ha 7 testimony 8 A. I re 9 ago, not th 10 Q. Wh 11 A. Do 12 Civil Cour 13 Q. All 14 it is locate 15 A. We 16 in San Die 17 I th 18 not certain 19 Q. Wh 20 A. I th 21 am not cer 22 Q. Ap 23 A. I d 24 It v	Page : as there a jury involved? s, there was. nat was the verdict? e defendants won. Southern California as not liable. ve you reviewed a transcript of your in that case? eviewed part of the transcript sometime ne entire transcript. nat Court was it that you testified in? be you mean was it in Federal Court or rt? to that: the name of the court, where ed. ell, it was located in San Diego County, ego. link it was in Federal Court, but I am
Thereupon: MARTIN J. CLINE, M.D. called as a witness and having been first duly sworn was examined and testified as follows: DIRECT EXAMINATION BY MR. HOAG: Q. Would you state your name for the record, please. A. Martin J. Cline. Q. Have you ever been deposed before? A. No. Q. Have you ever given any sworn testimony before A. Yes. Q with a court reporter or somebody present that is transcribing the testimony? A. Yes. Q. How many times? A. Twice. Q. What were the circumstances under which you provided sworn testimony? A. I was an expert witness in some trials. Q. Okay. So you were actually an expert witness at the trial but you were not deposed? A. That's correct.	2 saying? 3 A. I th 4 Q. Wr 5 the plainti 6 A. It's 7 Q. Dic 8 leukemia c 9 A. Let 10 a moment. 11 Th 12 leukemia a 13 Q. Wr 14 liability of 15 A. The 16 power plai 17 exposed to 18 irradiation 19 19 20 plant and 21 believed h 22 irradiation	e individual had chronic myelocytic and I believe was still alive. nat was the plaintiff's claim as far as f the utility company was concerned? e e utility company operated a nuclear of a higher than permissible level of the ere had been a minor accident at the although conditions are monitored he was exposed to a large amount of the dyour testimony was that he wasn't to that much?

BR	OIN vs. PHILIP MORRIS	Conde	ns	elt [™] WITNESS: MARTIN CLIN	TE, MI
		Page 13			Page 16
1	me with specific articles in those searches.	J	1	when you say: Am I familiar? are you referring to a	5-
2	Q What specific articles are you referring		2	specific one?	
3	to?		3	Q. Yes.	
4	A. Well, I have asked them for probably		4	I am referring to the one that was, I	
5	somewhere between one- and two hundred articles so	Ī	5	believe, completed in 1994.	
6	don't remember them all; but I think you have been	=	6	A. I probably have read it.	
-	provided with a list, if I am not mistaken, of a		7	Q. I don't believe that is on your list of	
			•		
	number of the articles that I requested.		8	references that you are going to rely on.	
9	That list probably encompasses ninety- or		9	Is that correct?	
10	ninety-five percent of the articles.		10	A. I would think not, but I would have to	
111	Q. One hundred and nine. Does that sound		11	review the list.	
12	right?		12	You have it in front of you.	
13	A. I beg your pardon?		13	You can review it as well as I, but I	
14	Q. One hundred and nine articles?		14	think not.	
15	MS. HENNINGER: He has a copy of the		15	Q. Are you in fact not going to rely on the	
16	list.		16	phantom study or any of the phantom studies as the	
17	A. Yes, that would be correct.		17		
1	BY MR. HOAG:		18	A. I am not really an expert in epidemiology	
19	Q. We have been informed that this is a list		19		
20			20	epidemiologic study; and since I regard it as outside	
	basis for any opinion that you give in this case or		21	the strict area of my expertise I would not rely on	
	the trial.				
23	Is that correct?		23	Q. So you don't rely on any epidemiological	
24	A. Yes, I will certainly rely on some of		24	studies as the basis for any portion of your opinions?	
25	these articles.		25	A. You may be using the word "relying" in a	
<u> </u>		Page 14		<u> </u>	Page 17
١.	I don't necessarily rely on all of them	1 mgc 14	١.	different way than I am dains	Page 17
	I don't necessarily rely on all of them			different way than I am doing.	
2	but they are articles that I have read and they are		2		
3	pertinent, yes.		3	molecular toxicology and in order to give an opinion	
4	I guess the simple answer is yes.		4	in the field of molecular toxicology I would not have	
5	Q. You have read all of these articles?		5	to use your phrase "rely" on a epidemiologic study.	
6	A. Yes.		6	Q. Is your area of expertise limited to	
7	Q. Are there any articles other than		7	molecular toxicology?	
8	these 109 that you are going to rely on?		8	A. Well, I think I am probably an expert in	
9	A. Not as of the moment, although I presume		9	immunological diseases, probably in molecular	
1			10	abnormally in cancer and molecular abnormally in	
10					
	continue to read and I may get additional information	,	11		
	unless that is prohibited in some way.		12	Those would be my primary areas of	
13	Q. To the extent that you are going to use		13		
14	additional information that we are not aware of at		14	Q. I am sorry.	
15	this point that you may rely on, we need to be		15	Molecular abnormally in cancer and cancer	
16	informed of that so that we have an opportunity to		16		
	depose you or complete our deposition as related to		17	A. Right.	
18			18	Q. Any other areas of expertise?	
19	Can you hear me?		19	A. Well, I think I would leave it at that for	
			20		
20	A. Yes, I can.				
21	I will also rely on all my background		21	And, yes, those would be the only ones	
	knowledge in this field, which goes back over many				
23	years, and that would encompass hundreds of articles.		23	Q. What is an example of molecular	
24			24	A. Maybe I should add that I am also a	
25	Q. Do you mean hundreds of articles in		25	clinician.	
	* · · · · · · · · · · · · · · · · · · ·	Page 15			Page 18
1,	addition to the 109 that we have been provided?		١,	I don't know if you consider all	
1 ;			1:		
2	A. I have read perhaps yes hundreds		1 2	clinicians experts in their discipline, but I am a	
3	of articles in this field and related fields that		3	clinician that does take care of patients with cancer	
4	encompass thousands of articles; but to remember all		4		
5	of them and to detail them would be impossible, I		5	clinical aspects of cancer and blood diseases.	
6	think.		6		
7	Q. Who prepared this list of 109 articles?		7	patients?	
8	A. I did.		8		
وا	Ms. Henninger asked me to provide her with		9		
10	the list of the articles that I think are important		10	•	
11			11	A. Lung cancer, colon cancer, breast cancer,	U I
112	then provided her with this list of articles which I		12		_
			13		თ
	have reviewed.		1		9
14	Q. Out of this list of 109, do you know which		14		9
	ones you are not going to rely on?		15		9
16	A. Well, I suppose I am going to It is		16		97
17		;	17	Q. Do you have any examples of molecular	76
18	both by the lawyers for the plaintiff and those for		18		ω
19			19		
20	If they don't ask me questions that are		20		
21			21		
22	statements about them, I presume.		22		
23	Q. Are you familiar with the phantom study on	.0	23		
24			24		
25	A. I have read several phantom studies, so		125	of molecular abnormalities that are related to lung	

TITNESS: MARTIN CLINE, MD	Conde	nse	BROIN vs. PHILIP MORRI
	Page 19		Page 2
cancer causation?			
A. Well, I will state it again.		2	You are aware of that; is that correct?
A number of molecular abnormalities have been defined in various types of lung cancer.		.) ⊿	MS. HENNINGER: Objection. He can't answer for other people.
It is really unclear where they fit in the		5	BY MR. HOAG:
sequence of carcinogenesis or cause		6	Q. You have reviewed depositions of others.
Q. None of those so far are useful as far as		7	Correct?
dealing with the issue of lung cancer causation; is		8	A. Yes.
that correct?		9	I told you some, yes.
A. No, I would not phrase it that way.	I .	10	Q. So you know that there are
I think they are quite useful in thinking		11	
about possible modules of tumor evolution. They are certainly useful in directing	1	12 13	
areas of research.		14	caused by cigarette smoking.
They may even well, not in lung cancer,		15	You are aware of that, aren't you?
but they might even be useful projecting strategies of	I .	16	MS. HENNINGER: Objection to the form of
treatment; but that is not quite so clear in lung		17	the question
cancer.	1	18	THE WITNESS: Well, on the basis of the
Q. Does cigarette smoking cause lung cancer?		19	depositions that I have read, which are Petty
MS. HENNINGER: Objection to the form of		20	and Cahan, for example, I would say no because
the question.		21	you could not define them as experts and I
Are you talking about direct smoke or		22	guess you would disagree with that so the
environmental tobacco smoke? MR. HOAG: I am talking about direct		23 24	to answer to your question is "no."
		2 4 25	BY MR. HOAG: Q. So as far as you could go then, if you
cigarette smoking.		23	
DV MD HOAC	Page 20	,	Page 2
BY MR. HOAG: O Does direct cigarette smoking cause lung		,	knew someone was a three-pack-a-day smoker for twenty years and they contracted lung cancer, as far as you
Q. Does direct cigarette smoking cause lung cancer?		3	would go is that you would be reasonably certain that
MS. HENNINGER: I would object on the			cigarette smoking was a contributing factor; is that
grounds this is irrelevant and immaterial in		5	correct?
grounds this is irrelevant and immaterial in this case.		6	MS. HENNINGER: Objection.
MR. HOAG: You can answer.		7	BY MR. HOAG:
THE WITNESS: Well, if by "cause" you mean		8	Q. Is that correct, sir it could have been
a population base or epidemiologic risk factor,		9	a contributing factor?
then cigarette smoking is related to certain		10	Is that correct?
types of lung cancer.		11	A. Restate it and I will answer it.
If you mean: In a particular individual		12	If you want precision, if you restate it I
is the cigarette smoking the cause of his or			
her cancer? then you are on shakier ground and		14	So, restate it, please.
it is difficult to say "yes" or "no."There is no evidence.		15	Q. Would you be able to say with certainty
no evidence. BY MR. HOAG:		17	that cigarette smoking was a contributing factor to the individual's lung cancer who contracted lung
Q. So if someone is a heavy smoker and they			
contract lung cancer you can say definitively that		10	for twenty years?
cigarette smoking caused that particular lung cancer?		20	A. Then the answer is no, I could not say
Is that what you are saying?			with certainty.
MS. HENNINGER: Objection to the form of		22	Q. So you could not even say with certainty
that question.	-	23	that was a contributing factor.
That's not what he said.		24	Is that correct?
BY MR. HOAG:		25	A. That is true, because I can envision many
	Page 21		Page 2
Q. Is that what you are saying, sir?	-		scenarios where it had nothing to do with it.
A. No, that is not what I said.		2	Q. Have you ever done any work for tobacco
Q. Is that wrong?		3	companies prior to this case?
Is that incorrect?]	4	MS. HENNINGER: What do you mean by "done
A. That is incorrect, as you stated it.		5	work"?
I can restate what I did say. Well let me ask you this: Let's say	}	6 7	MR. HOAG: Well, work means getting paid
Q. Well, let me ask you this: Let's say	ł	8	for doing work, for tobacco companies. BY MR. HOAG:
someone is a three-pack a day smoker A. Okay.	į	9	Q. Have you ever done any work for tobacco
Q for twenty years and they contract lung	ļ	10	companies where you got paid, other than the work you
cancer.	1	11	are doing for this particular case?
Would you be able to say, based on that		12	MS. HENNINGER: Let me object to the form
and based on everything you know about lung cancer		13	of the question.
its causes, that for that individual cigarette smoking	ļ	14	That is vague and ambiguous.
was the cause of the lung cancer?		15	MR. HOAG: You can answer it, sir.
A. No.		16	THE WITNESS: For a while I sat on the
You could hazard a guess that it was a	t t	17	Scientific Advisory Board of Reynolds and for
possible cause or a contributing factor, but you		18	that I was paid a modest honorarium per diem.
couldn't say with certainty that it was the cause of his or her lung cancer.		19	I wouldn't phrase it in terms of work.
L DIS OF DET DING CANCET	İ	20	I mean the amounts of monies involved were
		21	not so significant as to constitute my doing something for remuneration.
Q. You mean you could not say it with	l	ייר	
Q. You mean you could not say it with certainty?		22	
Q. You mean you could not say it with certainty? A. I could not, yes.		23	BY MR. HOAG:
Q. You mean you could not say it with certainty?		23 24	

19

20

21

23

24

can.

BY MR. HOAG:

Restate it, please.

past twelve years --A. That's right, yes.

Q. Other than the seminars you talked about

that you gave to lawyers four to six times over the

still applicable.

A. That's right.

BY MR. HOAG:

19

20

22 23

24

case and therefore any privileges that would

Q. So you were listed as an expert in that

apply to experts and witnesses in that case are

** *	TNESS: MARTIN CLINE, MD	Conde	nse	BROIN vs. PHILIP M	OKKIS
		Page 31			Page 34
1	Q any other work you did or were paid for			probably would be no more than twenty-five.	
	by tobacco companies in the past twelve years?		2	Q. Do you market yourself as a seminar	
3	MS. HENNINGER: Object to the form of that		3	presenter or are you contacted and asked if you will	
4	question.		5	do a special seminar; or is it a combination of those two?	
5	Vague and ambiguous.		6	A. I would be a poor marketer if I did that.	
6 7	THE WITNESS: I am going to say no, because there is no other work.		7	No, I guess I generally have been asked.	
8	BY MR. HOAG:		8	I have been asked for by many groups other	
9	Q. How about going back further than twelve		9	than lawyers. It is not exclusively lawyers.	
	years ago?		10	I am asked, of course, by scientific	
l	Any other work?		11	professional organizations.	
2	A. Working for the tobacco companies, no.		12	I have been asked by colleges and by local	
3	I have done work at the University that		13	high schools.	
	has been supported by the tobacco companies, but I		14	The legal presentations would only be one	
	have never worked for the tobacco companies.			of a group.	
6	In terms of personal, salary there really		16	I wouldn't say I market myself, no.	
	was none or negligible amounts involved that would		17	Q. When you provide these seminars to	
8	have come from the tobacco companies who supported	the	18	lawyers, how much do you charge?	
9	University research so the answer is no. I worked for		19	A. How much did I charge?	
	the University, but I have had tobacco grants.		20	Q. Yes.	
1	Q. Within the past twelve years?		21	A. I don't remember what the fees were, but I	
2	A. Yes.		22	might get honorarium for presentation as a	
3	Q Now going back to the seminars, to lawyers		23	professional scientist, which would include lawyers,	
	who represent tobacco companies, what was the nature	•	24	maybe \$500.	
	of those seminars?		25	I think Well, I don't think I ever	
		Page 32			Page 35
ı	MS. HENNINGER: I am also going to object	-	1	Well, maybe \$1,000, but to professional	-
2	whenever these conferences could be considered		2	societies.	
3	privileged and expert work.		3	The lawyers would be somewhere in that	
4	BY MR. HOAG:		4	range, I suppose.	
5	Q. What was the nature of those seminars that		5	Q. Did you ever provide any seminars to the	
6	you gave to lawyers that worked for tobacco companie	es?	6	lawyers of Schook-Hardy?	
7	A. Generally. I am not sure they all worked		7	A. Yes, I think I did.	
8	for tobacco companies.		8	Q. Did you provide a seminar to	
9	I am hesitating a little, but I've given		9	Schook-Hardy	
0	seminars to lawyers from other firms, I think, that		10	A. Yes.	
	have nothing to do with tobacco companies; but in		11	Q in the past twelve years?	
2	general the seminars are always about what we know		12	A. Yes.	
3	about cancer causation.		13	I think I did one there.	
4	Q What we know about all cancer causation or		14	Q. In the past twelve years?	
5	just specific?		15	A. That would get us	
6	A. Molecular level.		16	I don't know the exact timing, whether it	
7	What we know about the molecular basis of		17		
	cancer causation, what we understand about the genes		18	remember going to Kansas City at one time and givin	ga
	that go wrong that lead to cancer development.		19	seminar, yes.	
0	Q Cancer causation at the molecular level?		20	Q. The work you did was it just at one	
1	A. Right.		21	University, at UCLA	
2	Q. How long do these seminars last?		22	A. Yes.	
3	A. Oh, I would say a typical one is probably		23	Q that was supported by tobacco	
	an hour.		25	Companies.	
5	Q. So you can pretty much cover what we know			What tobacco companies supported the	D 34
		Page 33			Page 36
l	about cancer causation at the molecular level in an		1	research?	
2	hour.		2	A. Well, there are five of six that supported	
3	Right?		3	it.	
4	A. Well, it's the level most lawyers can		4	THE WITNESS: If you will excuse me just a	
_	understand.		5	minute, I will get something to drink.	
6	I think that is probably right, yes.		6	MS. HENNINGER: Maybe it's time to take a	
7	If I were delivering it to a scientific		7	short break. (Thereumon, a short recess was taken)	
8	audience, of course I would go into considerably more	3	8	(Thereupon, a short recess was taken.)	
9	detail; but basically in these cases I was delivering		9	BY MR. HOAG:	
Ü	the talk to mostly intelligent laymen who would have		10	Q. I want to go back to the experience you	
	had a basic college background in biology, and so I		11	had on the Scientific Advisory Board for RJR. MS. HENNINGER: I'm sorry.	
	had to tailor the seminar to their level of		12	What did you say? You got cut off.	51
	sophistication, yes, generally in an hour.		14	MR. HOAG: I'm sorry.	9
4	I find most audiences' attention begin to wane after that period so one really has to compress		15	I said I wanted to go back to the	9
	it and simplify it.		16	experience the doctor had on the Scientific	δ
16 17	Q. How many lawyers attended each seminar?		17	Advisory Board for RJR.	9
18	A. Oh, let me see.		18	THE WITNESS: Okay.	7
19	To the best of my recollection let me		19		6
			20	Q. Did you make any decisions as a member of	6
			21		
	Well, I hesitate a little because I don't		22		
21			23	A. No.	
20 21 22 23					
21 22 23	remember each of the seminars.				
21 22 23 24			24 25	Q. What specifically were your duties on the	

BR	OIN vs. PHILIP MORRIS	Conde	ns	seIt [™] WITNESS: MARTIN CLINI	E. MI
<u> </u>		Page 37			Page 40
1	A. I was asked to evaluate their research		1		rage -
2	program in genotoxicity; not so much as to design		2		
3	experiments but as to evaluate the experiments they		3	the form of the question in that it assumes	
4	were doing: Were they good? Were they critical?		4		
5	I guess I was also asked would I add any		5		
6	other experiments to try and define the area.		6		
7			1		
8	Those were my duties.		7 8		
9	Q. Do you know whether or not they did any		, -		
10	experiments at that time related to sidestream smoke?		9		
11	A. To the best of my recollection, they did.		10		
	Q. Do you know what a nitrosomine is?		11		
12	A. Yes, in general terms.				
13	I have a general image of its chemical		13		
14					
15	Q. Do you know that they measured the level		15		
	of nitrosomines in sidestream smoke and compared it	ιο	16		
17	the level of nitrosomines in mainstream smoke?		17		
18	A. No, I don't recall that.		18		
19	Q Do you know that they measured the level		19		
	of nitrosomines in sidestream smoke on production		20		
21			21	that I did not recall their data with respect	
22	nitrosomines in sidestream smoke on the new cigarette	•	22	to NNK nitrosomine.	
23	that they were developing?		23	BY MR. HOAG:	
24	A. I don't remember specifically		24	Q. My question was a hypothetical.	
25	nitrosomines.		25		
		Page 38			Page 41
1	I know they examined a great range of		lι	revealed, wouldn't that be an admission that the	age 41
2	chemical compounds, but I don't specifically remember	er		sidestream smoke from their cigarettes contained	
3	nitrosomines.	-•	3		
4	Q. You do know that tobacco, specifically NNK		4		
1			5		
5	nitrosomines, is a carcinogenic compound. Correct?				
6			6		
7	A. If we have the same definition of		1		
8	carcinogenic compound, the answer would be yes.		8		
9	By carcinogenic compound I take it you		9		
10			10		
11	concentration will produce a tumor in a test animal.		11	and the second s	
12	If that is your operational definition,		12		
13	the answer would be yes.		13		
14	Q. That is your operational definition; is		14		
15			15		
16	A. Well, if you have another definition you		16	sidestream smoke emanating from their production	
17	can give it to me and in general I will try to answer		17		
18	the question.		18		
19	Q. No. I want to know what your definition		19	9 I will start again.	
20			20		
21	I guess you just told me that that is your		21		
22	definition.		22	showed that the NNK nitrosomines emanating from the	
23	A. Yes.		23	sidestream smoke of their production cigarettes was	
24	Q. Based on that operational definition you			significantly lowered	
25	know that tobacco, specifically NNK nitrosomines, is a	1	25		
		Page 39			Page 42
١.	carcinogenic compound	r ugo 37		and the contract of the contra	age 72
2	carcinogenic compound. Correct?		1 2		
3			3		
i i	A. I answered that, yes.				
4	I thought I had answered it.		4	· · · · · · · · · · · · · · · · · · ·	
5	Q. I just want to make sure that I am		13	Q wouldn't that be an admission by RJR	
6	understanding you.		6		
7	A. Yes.		7	and the same of th	
8	I thought I had answered it. I defined it		8		
9	and then I said yes.		9		
10	Q. During the research that RJR did on that		10		
11	new cigarette they pretty much admitted that the		11		
12	sidestream smoke from the regular production		12		
13	cigarettes contained carcinogenic compounds.		13		ហ
14	MS. HENNINGER: What production of		14		
15	cigarettes are you talking about?		15		6
16	MR. HOAG: I am asking the witness now.		16		96
17	Does he have a question?		17		٠.
18	If he understands my question, then I		18		9
19	would like him to answer it.		19	is a Kentucky reference, whatever number	7
20	THE WITNESS: The witness has gotten lost		20		σ.
21	so please re-ask the question.		21		7
22	THE WITNESS: Read it back to me.		22		
23	MR. HOAG: Yes, you can read it back to		23	different chemicals.	
24	him.		24		
25	(Thereupon the question referred to was		25	one burned and the other one was not burned.	
	Z Z Z Z Z Z Z Z		_		

WI	TNESS: MARTIN CLINE, MD	Conde	1130	elt [™] BROIN vs. PHILIP MORR	SL
		Page 43		Page	46
1	That does not mean that because the levels were		1	Q for the tobacco companies?	
2	different that carbon dioxide was a carcinogen.		2	A. No.	
3	Can you hear me?		3	Q. When you worked with Schook-Hardy you met	1
4	BY MR. HOAG:		4	with all the tobacco companies all the time, didn't	- 1
5	Q Yes, I can hear you.		5	you?	- 1
6	A. I was looking out the window. I thought		6	MS. HENNINGER: Objection.	
7	you couldn't hear.		7	THE WITNESS: Schook-Hardy.	ŀ
8	The difference in the level does not mean		8	MS. HENNINGER: Objection.	
	that one has a carcinogen not present in the other.		9	That is assuming a fact not even in here.	ł
11	That would not be really close reasoning. Q. Well, R. J. Reynolds did market that		11	MR. HOAG: I just want to know because it goes to the credibility of the witness.	1
	cigarette as a safer cigarette, didn't they?		12	BY MR. HOAG:	1
13	A. Did they ever market it?		13	Q. You were working with the tobacco	1
14	I thought they tested it and that they		14		
15	test marketed it and I thought it raised a great hue		15	Schook-Hardy, didn't you?	
16	and cry.		16	A. We may have different definitions of work.	
17	and cry. To the best of my recollection I don't think they ever sold it, did they?		17	They were not, really, paying my salary.	
18			18	Q. Didn't they pay for research that you	- 1
19	Q. What is the great hue and cry that you		19	conducted at UCLA, about \$300,000 or more dollars	
	recall was raised?		20	worth per year for several years?	
21	A. Well, I remember		21	A. They gave I think it was called	- 1
22	Well, I don't remember the details, but I		22		
	remember there were a number of newspaper articles		23	absolutely no strings attached.	
	saying that this was some sort of a ploy. I don't remember the details. That was		24 25	As to how the work would be carried out and about the reporting of its findings, it was a gift	
25	r don crementoer die detaits. That was	Do 44	_		4
١.		Page 44	١.	Page	4/
	several years ago.			in which academic freedom was totally protected.	
2	All I know is that they ran into a lot of		2	I assume you have looked at a copy of that contract. You will see that was the case.	1
	adverse publicity.		3		
4	I think they also ran into the problem		4	Q. The copy of the contract?	- 1
5	that smokers did not like it. I never knew all the details to		5	A. Between UCLA and the tobacco companies that covers that gift.	- 1
	substantiate that, but all I know is that they ran		7	Q. Well, have you ever told any tobacco	ł
8	into enough difficulty that they never really marketed		g	company folks that you don't feel that smoking is such	- 1
	the product.		9	a big risk?	ı
10	Q Do you recall the adverse publicity		10	MS. HENNINGER: Objection.	
	included the fact that R. J. Reynolds met with		11	Vague and ambiguous.	- 1
	government officials and told them that this was a		12		ı
	safer cigarette, that unlike the other cigarettes it		13	Q. Have you ever said that?	ŀ
	would not cause cancer or other diseases?		14	MS. HENNINGER: Do you want to define what	
15	MS. HENNINGER: Object to the form of the		15	a tobacco company person is?	
16	question.		16	BY MR. HOAG:	ı
17	This is another hypothetical.		17	Q. How about a guy named Peoples? Have you	- 1
18	BY MR. HOAG:		18		
19	Q Do you recall that?		19	A. Peoples?	Į
20	MR. HOAG: No, it is a real question.		20	Not that I recall.	- 1
21	It really happened.		21	Q. Would it refresh your recollection if I	
22	I just want to know if he recalls it.			said that was maybe back in 1978?	
23	A. Do I recall it?		23	A. That would be a very early twenty years	
	BY MR. HOAG:			ago.	
25	Q. Yes.		25	Q. Right.	_
1	. M-	Page 45	١.	Page	48
1	A. No.		1	A. That would substantiate the reason I don't	- 1
2	I don't have any knowledge of that, no.		2	remember.	- 1
3	Q. Do you recall ever having any		3	Q. Back in that period in 1978 did you feel	
4	conversations with RJR representatives telling you or		4	that smoking was not such a big risk?	
5	anyone else on the Scientific Advisory Board to make	,	5	MS. HENNINGER: Risk for what?	
7	sure you did not use the word "safer cigarette"?		6	MR. HOAG: I am not talking to you.	
8	A. No. O. Well, was it important not to use the word.		8	I am asking the witness.	
8	Q. Well, was it important not to use the word		9	MS. HENNINGER: I am lodging an objection	
10	"safer" among R. J. Reynolds executives? MS. HENNINGER: Objection.		10	to the fact that your question is vague and ambiguous.	
11	THE WITNESS: I just said "No." I mean I		11	MR_HOAG: Just make the objection instead	
12	was there to evaluate.		12	of asking a question.	
13	I was there to evaluate scientific		13	MS. HENNINGER: That is what I did.	
14	evidence to give as critical an opinion as I		14	THE WITNESS: Please restate it.)
15	could as to the data they were producing, and		15	I have gotten lost in the interchange.	1
16	their interpretation.		16	MR. HOAG: Well, I will try.)
17	I was never viewed as a publicity person		17	Hopefully the objection will not be a	
18	for them.		18	speaking objection.	1
19	I was viewed as scientist evaluating their		19	MS. HENNINGER: I move to strike the	ı
20	data.		20	gratuitous comments of counsel.	
21	I was viewed as a scientist.		21	MR. HOAG: Are you talking about you,	1
	BY MR. HOAG:		22	counsel, and your gratuitous speaking	١
23	Q. Well, you pretty much did work for them,		23	objections?	
24			24		
25	A. No.		25	your comments, counselor.	

13 14 15

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23 24

}	3	Phillip Morris, R.J. Reynolds Tobacco Associates,
Ì	4	Incorporated, U.S. Tobacco and Brown & Williamson
	5	contributed to what is known as the UCLA project to
	6	the tune of \$350,000 per year? A. \$350,000, I think, for the first year and
	7	A. \$350,000, I think, for the first year and
	8	\$300,000 thereafter; but the answer would be yes, I
	9	think.
	10	Q. That UCLA project, the portion of it that
	11	actually dealt with tobacco, was probably less than
	12	
	13	A. In practical terms, it came out to be
	14	considerably less than fifty percent.
	15	When we undertook it, I think I agreed
	16	that it would constitute approximately fifty percent.
	17	
	18	I think the companies were really
	19	interested in what effects tobacco had and they wanted
	20	
	21	percent as a figure that I could interpret liberally
	22	
	23	would follow the lines of most exciting research.
	24	
	25	wasn't a hard and fast figure.

No, I got no other monies from Schook
Hardy.

Q. Were you ever fined for any research you did?

MS. HENNINGER: Object on the grounds it's vague and ambiguous.

THE WITNESS: Tell me what you mean fined?

MR. HOAG: I think you know.

MS. HENNINGER: Object.

BY MR. HOAG:

Q. You don't know what I mean, Doctor?

A. Well, I think I know where you are going but I don't want to speculate as to where you are going. That is not my job.

I will certainly try and answer and give you answers as cleanly and honestly as I can.

Q. Were you ever accused of carrying on unorthodox experiments --

Q. -- involving genetic engineering?